

## APPLICATION DATA SHEET

### **Application Information**

Application Type::	Regular
Subject Matter::	Utility
CD-ROM or CD-R?::	None
Title Line One::	ULTRA WIDEBAND BGA
Attorney Docket Number::	NGC-00042 (45-0014)
Request for Early Publication::	No
Request for Non-Publication::	No
Suggested Drawing Figure::	1
Total Drawing Sheets::	2
Small Entity::	No
Secrecy Order in Parent Appl?::	No

### **Applicant Information**

Applicant Authority Type::	Inventor
Primary Citizenship County::	US
Status::	Full Capacity
Given Name::	James
Middle Name::	A.
Family Name::	Hathaway
City of Residence::	Ranchos Palos Verdes
State or Province of Residence::	CA
Country of Residence:	US
Street of mailing address::	28955 Crestridge Road
City of mailing address::	Ranchos Palos Verdes
State or Province of mailing address::	CA

Country of mailing address::	US
Postal or Zip Code of mailing address:	90275
Applicant Authority Type::	Inventor
Primary Citizenship County::	US
Status::	Full Capacity
Given Name::	Brian
Middle Name::	F.
Family Name::	Crossman
City of Residence::	Laguna Niguel
State or Province of Residence::	CA
Country of Residence:	US
Street of mailing address::	27452 Hyatt Court
City of mailing address::	Laguna Niguel
State or Province of mailing address::	CA
Country of mailing address::	US
Postal or Zip Code of mailing address:	92677
Applicant Authority Type::	Inventor
Primary Citizenship County::	US
Status::	Full Capacity
Given Name::	Salah
Family Name::	Din
City of Residence::	Buena Park
State or Province of Residence::	CA
Country of Residence:	US
Street of mailing address::	8113 Santa Inez Way

City of mailing address:: Buena Park  
 State or Province of mailing address:: CA  
 Country of mailing address:: US  
 Postal or Zip Code of mailing address: 90620

### Correspondence Information

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### Representative Information

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Associate	33711	Richard W. Hoffmann
Associate	53425	Gregory L. Ozga

**Assignment Information**

Assignee name::	Northrop Grumman Corporation
Street of mailing address::	1840 Century Park East
City of mailing address::	Los Angeles
State or Province of mailing address::	CA
Country of mailing address::	United States of America
Postal or Zip Code of mailing address::	90067-2199